

IN THE CLAIMS:

Please cancel claims 11-14, 24-27 and 32 without prejudice so that the claims read as follows:

1. (Previously Presented) A ventilator circuit for use in administering medication to a patient, the ventilator circuit comprising:

a chamber housing defining an interior space and comprising an input end and an output end;

a one-way inhalation valve positioned upstream of said interior space, said one-way inhalation valve operative to permit a flow of gases into said interior space of said chamber housing;

a first inhalation conduit communicating with said output end of said chamber, said first inhalation conduit comprising an inlet communicating with said output end of said chamber housing and an outlet adapted to transmit medication to the patient, wherein said inlet and outlet are axially aligned with said output end of said holding chamber;

a second inhalation conduit communicating with said input end of said chamber housing, wherein said one-way inhalation valve is located in said second inhalation conduit, said second inhalation conduit comprising an oxygen intake line communicating with said one-way inhalation valve, and wherein said one-way inhalation valve permits one-way flow of oxygen from said second inhalation conduit into said interior space of said chamber housing;

an exhaust conduit communicating with said first inhalation conduit at a location positioned between said inlet and said outlet of said first inhalation conduit; and

a one-way exhaust valve located in said exhaust conduit, said one-way exhaust valve adapted to prevent a backflow of gas from said exhaust conduit into said first inhalation conduit.

Claim 2 (Cancelled).

3. (Previously Presented) A ventilator circuit for use in administering medication to a patient, the ventilator circuit comprising:

- a chamber housing defining an interior space and comprising an input end and an output end, wherein said interior space has a first cross-sectional area defined substantially perpendicular to a longitudinal flow direction adjacent said input end;

- a one-way inhalation valve positioned upstream of said interior space, said one-way inhalation valve operative to permit a flow of gases into said interior space of said chamber housing;

- a first inhalation conduit communicating with said output end of said chamber, said first inhalation conduit adapted to transmit medication to the patient;

- a second inhalation conduit communicating with said interior space of said chamber housing at said input end, wherein said second inhalation conduit has a second cross-sectional area defined substantially perpendicular to the longitudinal flow direction at said input end, wherein said second cross-sectional area is less than said first cross-sectional area, wherein said one-way inhalation valve is located in said second inhalation conduit, said second inhalation conduit comprising an oxygen intake line communicating with said one-way inhalation valve;

- an exhaust conduit communicating with said first inhalation conduit;

- a one-way exhaust valve located in said exhaust conduit, said one-way exhaust valve adapted to prevent a backflow of gas from said exhaust conduit into said first inhalation conduit; and

- a pressurized metered dose inhaler in flow communication with said second inhalation conduit downstream of said one-way inhalation valve and upstream of said interior space of said chamber housing.

4. (Previously Presented) The ventilator circuit of claim 3 wherein said second inhalation conduit comprises an adapter having an output end connected to said input end of said chamber housing and an input end connected to said oxygen intake line, said adapter having said one-way inhalation valve disposed therein.

5. (Previously Presented) The ventilator circuit of claim 1 wherein said one-way inhalation valve comprises a valve member, a valve seat and a blocking member disposed in said second inhalation conduit, wherein said blocking member is spaced downstream from said valve seat, and wherein said valve member is disposed between said blocking member and said valve seat.

6. (Original) The ventilator circuit of claim 5 wherein said valve member is a center post valve member connected to said valve seat.

7. (Original) The ventilator circuit of claim 5 wherein said blocking member has at least one opening formed therein to permit the flow of gases therethrough.

8. (Previously Presented) The ventilator circuit of claim 1 wherein said first inhalation conduit comprises an endotracheal tube.

9. (Previously Presented) The ventilator circuit of claim 1 wherein said first inhalation conduit comprises a mask.

10. (Previously Presented) The ventilator circuit of claim 1 comprising an adapter connected to said output end of said chamber housing and comprising a first portion defining at least a portion of said first inhalation conduit and a second portion defining at least a portion of said exhaust conduit, wherein said one-way exhaust

valve is positioned in said second portion of said adapter, and further comprising an exhaust line connected to said second portion and defining at least a portion of said exhaust conduit.

Claims 11-27 (Cancelled).

28. (Previously Presented) The ventilator circuit of claim 3 further comprising a WYE connector connecting said second inhalation conduit and said exhaust conduit.

29. (Original) The ventilator circuit of claim 1 wherein said second inhalation conduit is isolated from and does not communicate with ambient air.

30. (Previously Presented) The ventilator circuit of claim 3 wherein said oxygen intake line and said exhaust conduit are connected to a ventilator.

Claims 31 and 32 (Cancelled).

33. (Previously Presented) A ventilator circuit for use in administering medication to a patient, the ventilator circuit comprising:

- a chamber housing defining an interior space and comprising an input end and an output end;

- a one-way inhalation valve positioned upstream of said interior space, said one-way inhalation valve operative to permit a flow of gases into said interior space of said chamber housing;

- a first inhalation conduit communicating with said output end of said chamber, said first inhalation conduit comprising an outlet adapted to transmit medication to the patient, wherein a flow path between said interior of said chamber

housing and said outlet of said first inhalation conduit through said output end of said chamber housing is free of any valve structure;

a second inhalation conduit communicating with said input end of said chamber housing, wherein said one-way inhalation valve is located in said second inhalation conduit, said second inhalation conduit comprising an oxygen intake line communicating with said one-way inhalation valve, and wherein said one-way inhalation valve permits one-way flow of oxygen from said second inhalation conduit into said interior space of said chamber housing;

an exhaust conduit communicating with said first inhalation conduit;
and

a one-way exhaust valve located in said exhaust conduit, said one-way exhaust valve adapted to prevent a backflow of gas from said exhaust conduit into said first inhalation conduit.

34. (Previously Presented) The ventilator circuit of claim 33 further comprising a WYE connector connecting said second inhalation conduit and said exhaust conduit.

35. (Previously Presented) The ventilator circuit of claim 33 wherein said oxygen intake line and said exhaust conduit are connected to a ventilator.